

SDMS US EPA REGION V -1

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DOCUMENTS.**

11-26-86

TEPA H2O factor

Sargent

(i) Resource Evaluation (Prepared) with Pollina Abatement

Program: Village of Sargent, MI Phase I Report

15 May 1972

Study to determine diff means to manage waste

Village waste

18 May 1972

Neutralization (water and dryly acids)

Sludge - about 20,000 lbs/day

9-

Study 1957 - waste stream high and ground level

Changes in waste stream - first

"addition of more substituted aromatic compounds"

and other organics -

16

Sludge handling -

- about 20,000 lbs/day - to be generated

(to portion what will be done w/ sludge)

217

Contexts biological treatment or some method for organic

Current (1971) activated carbon treatment w/ will

Company w/ 207

18

19 - Report Recommendations City & other plans to write reduction from contributors

Flow Diagram

158902

Sauget

TABLE 3

Recommended Waste Reductions within the Village of Sauget, Illinois

| <u>Contributor</u> | <u>Item</u> |
|--|--|
| American Zinc or American Metals Climax | Flow Metals losses |
| Edwin Cooper | Flow Floating Oil & Scum BOD ₅ especially low molecular weight organics Odor causing wastes Color Bodies |
| Cerro Copper | Metals losses |
| Midwest Rubber Reclaiming | Flow BOD ₅ Rubber Odor Causing Wastes Color Bodies |
| Monsanto Industries Chemicals Co. | Flow Color Bodies Phenols & other Aromatics BOD ₅ Odor Causing Wastes Chlorine Dumps |

Dissolved Solids - Each industry should evaluate costs for reducing dissolved solids discharges. At this time the technology available for removal of dissolved solids from the Village effluent is unproven on this scale and costs are extremely high and uncertain.

Sauget

